

327 IAC 15-7-7 General conditions

Authority: IC 13-1-3-4; IC 13-1-3-7; IC 13-7-7; IC 13-7-10-1

Affected: IC 13-1-3; IC 13-7

Sec. 7. (a) A person regulated under this rule is authorized to discharge through the outfalls identified in the NOI letter in accordance with this rule. Such discharges shall be limited and monitored as follows:

(1) Discharges through outfalls identified as active mining areas, coal preparation plants, and/or coal preparation plant associated areas designated as new source undetermined mine drainage status shall be limited and monitored as follows:

<u>Parameter</u>	<u>Daily Minimum</u>	<u>Daily Average</u>	<u>Daily Maximum</u>	<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow	—	Report	Report	MGD	2XMonthly	Instantaneous
TSS	—	35	70	mg/l	2XMonthly	Grab
pH	6.0	—	9.0	s.u.	2XMonthly	Grab
Total iron	—	3.0	6.0	mg/l	2XMonthly	Grab
Influent pH	—	Report	Report	Std.	Monthly	Grab
Influent total iron	—	Report	Report	mg/l	Monthly	Grab

(2) Discharges through outfalls identified as active mining areas, coal preparation plants, and/or coal preparation plant associated areas designated as new source alkaline mine drainage status shall be limited and monitored as follows:

<u>Parameter</u>	<u>Daily Minimum</u>	<u>Daily Average</u>	<u>Daily Maximum</u>	<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow	—	Report	Report	MGD	2XMonthly	Instantaneous
TSS	—	35	70	mg/l	2XMonthly	Grab
pH	6.0	—	9.0	s.u.	2XMonthly	Grab
Total iron	—	3.0	6.0	mg/l	2XMonthly	Grab

(3) Discharges through outfalls identified as active mining areas, coal preparation plants, and/or coal preparation plant associated areas designated as new source acid mine drainage status shall be limited and monitored as follows:

<u>Parameter</u>	<u>Daily Minimum</u>	<u>Daily Average</u>	<u>Daily Maximum</u>	<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow	—	Report	Report	MGD	Weekly	Instantaneous
TSS	—	35	70	mg/l	Weekly	Grab
pH	6.0	—	9.0	s.u.	Weekly	Grab
Total iron	—	3.0	6.0	mg/l	Weekly	Grab
Total manganese	—	2.0	4.0	mg/l	Weekly	Grab
Total aluminum	—	Report	Report	mg/l	Monthly	Grab
Total copper	—	Report	Report	mg/l	Monthly	Grab
Total zinc	—	Report	Report	mg/l	Monthly	Grab
Total nickel	—	Report	Report	mg/l	Monthly	Grab

(4) Discharges through outfalls identified as post mining areas shall be limited and monitored as follows:

<u>Parameter</u>	<u>Daily Minimum</u>	<u>Daily Average</u>	<u>Daily Maximum</u>	<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow	—	—	—	—	4XYearly	Instantaneous
Settleable solids	—	Report	0.5	ml/l	4XYearly	Grab
pH	6.0	—	9.0	s.u.	Once every reporting period	Grab

(b) A person regulated under this rule shall comply with the following additional discharge requirements:

(1) The pH of the water contained in any water pollution treatment/control facility cannot be adjusted by the use of anhydrous ammonia. The only approved water treatment additives for pH adjustment are:

- (A) sodium hydroxide;
- (B) hydrated lime;
- (C) calcined (unslaked or quick) lime;
- (D) soda ash;
- (E) lime;
- (F) sodium bicarbonate; or
- (G) other water treatment additive approved by the Indiana department of environmental

management.

(2) The discharge shall not cause excessive foam in the receiving waters.

(3) The discharge shall be essentially free of floating and settleable solids.

(4) The discharge shall not contain oil or other substances in amounts sufficient to create a visible film or sheen on the receiving waters.

(5) The discharge shall be free of substances that are in amounts sufficient to be unsightly or deleterious or which produce color, odor, or other conditions in such a degree as to create a nuisance.

(6) For discharges of storm water run-off composed entirely of flows from conveyances used for collecting and conveying precipitation run-off which are contaminated by contact with overburden, coal product, coal byproduct, or coal waste located on the site and do not otherwise report to a NPDES discharge point regulated under this rule, the permittee shall use best management practices including, but not limited to, secondary sedimentation control structures such as rip rap, straw dikes, check dams, mulch, dugouts, or other measures that reduce overload flow velocity, reduce run-off volume, or trap sediment to control run-off from such areas. Compliance with this subdivision obviates the need to comply with 327 IAC 15-6.

(c) A person regulated under subsection (a)(1) through (a)(3) may choose to apply the following alternate effluent limitations to a discharge when the discharge flow rate exceeds the dry weather base flow based on the precipitation events identified as follows:

(1) If a precipitation event is less than or equal to the 10-year, 24-hour storm event, the following limitations may apply instead of the limitations listed in subsection (a):

(A) pH is limited to the range of six (6.0) to nine (9.0).

(B) Settleable solids are limited to a maximum concentration of five-tenths (0.5) ml/l.

(2) If a precipitation event is greater than the 10-year, 24-hour storm event, only pH is limited to the range of six (6.0) to nine (9.0).